

**Title:** TRANSCRIPTION FACTOR E2F DNA-BINDING DOMAIN INHIBITOR PEPTIDES AND THEIR USE

**Abstract**

The present invention provides peptides which bind to the DNA binding domain of transcription factor E2F, and inhibit cell cycle progression. Peptides include FWLRFT (SEQ ID NO:1); WVRWHF (SEQ ID NO:2); WHFIFW (SEQ ID NO:3); IWLSGLSRGVVVSFP (SEQ ID NO:4); and GSRILTFRSGSWYAS (SEQ ID NO:5) and derivatives based upon these sequences. Compositions and the use of the peptides in inhibiting cell cycle progression, such as in uncontrolled cell proliferation, are also provided.